

INTERNATIONAL SEARCH REPORT

International Classification No

PCT/EP 03/10701

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07K14/415

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, Sequence Search, WPI Data, PAJ, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/34826 A (IMP COLLEGE INNOVATIONS LTD ;KAY ANTHONY B (GB); LARCHE MARK (GB)) 15 July 1999 (1999-07-15)	1-20
Y	page 9, line 11 - line 14; example 6 abstract the whole document page 66, line 17 - line 19 ----- -/--	1-20

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

27 January 2004

Date of mailing of the international search report

05/02/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>NIEDERBERGER VERENA ET AL: "Calcium-dependent immunoglobulin E recognition of the apo- and calcium-bound form of a cross-reactive two EF-hand timothy grass pollen allergen, Phl p 7." FASEB JOURNAL, vol. 13, no. 8, May 1999 (1999-05), pages 843-856, XP002221491 ISSN: 0892-6638 the whole document page 854, column 1; figure 1</p>	1-20
Y	<p>WO 99/38978 A (SINAI SCHOOL MEDICINE ;UNIV ARKANSAS (US); SOSIN HOWARD (US)) 5 August 1999 (1999-08-05) abstract the whole document</p>	1-20
Y	<p>SUPHIOGLU C ET AL: "Molecular cloning and immunological characterisation of Cyn d 7, a novel calcium-binding allergen from Bermuda grass pollen" FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 402, 1997, pages 167-172, XP002105759 ISSN: 0014-5793 the whole document</p>	1-20
Y	<p>VRTALA SUSANNE ET AL: "Conversion of the major birch pollen allergen, bet v 1, into two nonanaphylactic T cell epitope-containing fragments: Candidates for a novel form of specific immunotherapy." JOURNAL OF CLINICAL INVESTIGATION, vol. 99, no. 7, 1997, pages 1673-1681, XP002221492 ISSN: 0021-9738 the whole document</p>	1-20
Y	<p>FERREIRA F ET AL: "MODULATION OF IGE REACTIVITY OF ALLERGENS BY SITE-DIRECTED MUTAGENESIS: POTENTIAL USE OF HYPOALLERGENIC VARIANTS FOR IMMUNOTHERAPY" FASEB JOURNAL, FED. OF AMERICAN SOC. FOR EXPERIMENTAL BIOLOGY, BETHESDA, MD, US, vol. 12, no. 12, February 1998 (1998-02), pages 231-242, XP002085249 ISSN: 0892-6638 the whole document abstract</p>	1-20

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